

*The Chillicothe Telephone Company  
Lead - Lag Study  
Revenues Analysis*

Filed In Response to CC Docket No. 97-149,  
ORDER DESIGNATING ISSUES FOR INVESTIGATION  
MEMORANDUM OPINION AND ORDER ON  
RECONSIDERATION

ORIGINAL

DOCKET FILE COPY ORIGINAL

Before the  
**FEDERAL COMMUNICATIONS COMMISSION**  
Washington, D.C. 20554

SEP - 2 1997

FEDERAL COMMUNICATIONS COMMISSION  
OFFICE OF THE SECRETARY

CC Docket No. 97-149

In the Matter of  
1997 Annual Access  
Tariff Filings

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97-149

**DIRECT CASE OF THE CHILLICOTHE TELEPHONE COMPANY, INC.**

The Chillicothe Telephone Company, Inc. (Chillicothe), by its attorneys and pursuant to the Commission's Order in CC Docket No. 97-149<sup>1</sup>, hereby submits detailed documentation of particular elements used in its lead-lag study. Chillicothe is providing detailed documentation of supporting materials which it used in developing five (5) individual revenue lags about which the Commission has specifically inquired. In addition, Chillicothe is providing summary analyses of the methods and calculations used in computing each of the five individual revenue lags. The supporting documentation and analyses are attached as Exhibit 1.

As the supporting documentation indicates, Chillicothe properly conducted lead-lag studies and incorporated results into the calculation of its Cash Working Capital factor. The individual calculations and supporting documentation contained in Exhibit 1 provide a detailed explanation and basis for the five

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<sup>1</sup> Order Designating Issues for Investigation, Memorandum Opinion and Order on Reconsideration, DA 97-1609 (Comm. Car. Bur., released July 28, 1997 and Public Notice indicating grant of extension of filing date, DA 97-1724 (Comm. Car. Bur., released August 13, 1997.)

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revenue lag items and their contribution to the variance from the general 15-day lag standard.

In addition, Chillicothe maintains an internal policy of paying its expenses as rapidly as possible to maintain its reputation in the telecommunications supply and support industry and must continue to do so as a result of its relatively small size and position in the nationwide market. As a result, Chillicothe's calculation of its net lead-lag period can be skewed from the general national standard because of the smaller offsetting reduction applied for the expense lag factor.

The attached documentation provides detailed data in support of the five (5) revenue lag factors that the Commission has specifically inquired about. The information provides the Commission with an explanation and further support for Chillicothe's calculated lead-lag study and resultant Cash Working Capital factor and calculation.

Respectfully submitted,

**The Chillicothe Telephone  
Company, Inc.**

Blooston, Mordkofsky,  
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Washington, D.C. 20037

  
Benjamin H. Dickens, Jr.  
Its Attorney

September 2, 1997

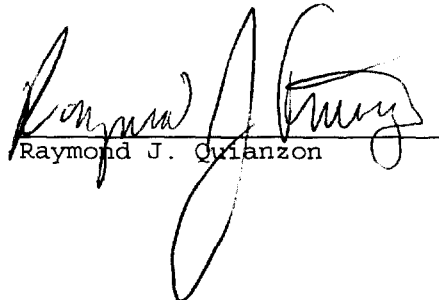
**CERTIFICATE OF SERVICE**

I hereby certify that I am an employee with the law firm of Blooston, Mordkofsky, Jackson & Dickens, and that on this 2nd day of September, 1997, I caused to be mailed via first class United States mail, postage prepaid, a copy of the foregoing **"Direct Case of The Chillicothe Telephone Company, Inc."** in CC Docket No. 97-149 to the following:

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# Description and Justification

The following Description and Justification (D&J) pertains to The Chillicothe Telephone Company's (Chillicothe) 1997 annual access tariff filing. The D&J is in response to CC Docket No. 97-149, "In the Matter of 1997 Annual Access Tariff Filings: Order Designating Issues For Investigation, Memorandum Opinion And Order On Reconsideration," Released: July 28, 1997. Specifically, in accordance with paragraph 66, Chillicothe is documenting lead lag procedures for the following revenue analysis:

1. National Exchange Carrier Association (NECA) Carrier Common Line Settlements, Including Prior Period Adjustments
2. Other Common Carrier's Traffic Sensitive Revenues
3. Interstate Rents Receivables
4. Interstate AOS Inmate Services
5. Interstate Operator Services

## Overview

Chillicothe's lead-lag study is an interstate study. In other words, Chillicothe identified the portion of interstate cash working capital required due to the lag in the receipt of revenues. A separate revenue lag is developed for each category of interstate revenue, including end users, interexchange carriers, coin, and other subscribers. A revenue lag is the average interval in days between the time services are rendered and the date collections for such services are deposited. Four separate time periods must be considered in determining the total time lag for each of the revenue categories:

1. "Service midpoint to end of service period" is the average date service is rendered to the end of the service period.
2. "End of service period to billing extraction" is the time from the end of the service period to the date billing is generated.
3. "Billing extraction to collection" is the period of time from the date billing is generated to the date payment is received.
4. "Collection to deposit" is the period of time from the date a payment is received until the date it is deposited in a bank.

## ***NECA Carrier Common Line Settlements, Including Prior Period Adjustments***

NECA submits carrier common line settlements monthly to the company based on estimated annual carrier common line revenue requirement. When the annual 12-month calendar period is complete, the company prepares an actual carrier common line historical revenue requirement and submits the results to NECA. NECA compares the actual estimated settlements to the actual historical revenue requirement for the 12-month calendar period and collects or refunds the net difference.

Companies are allowed to make adjustments to 12-month calendar period revenue requirements for a period of 24 months. Therefore, to collect a representative sample of data for interstate carrier common

line revenues, Chillicothe studied one calendar year of data and all prior period adjustments impacting the same calendar year.

The sources of data used were the monthly 1990 EC3050 statements and the monthly EC2053 statements.

As discussed in the Overview section, typically there are four separate time periods to be considered in determining the total time lag for each of the revenue categories. For this analysis, there are two time periods.

1. "Service midpoint to end of service period" is the average date service is rendered to the end of the service period.
2. "End of service period to deposit" is the time from the end of the service period to the date the funds are wired to the company.

The "Service midpoint to end of service period" is always the average of one month. The "End of service period to deposit" is an additional 30 days for the monthly access revenue (EC3050) and increases in 30-day increments for 24 months for the prior period adjustments (EC2053).

This analysis resulted in an individual revenue lag of **194.88** days.

### ***Other Common Carrier's Traffic Sensitive Revenues***

An alternative to using the lead lag method to study the receipt of revenues is the balance sheet method. This method allows the company to study the revenue lag for billing to other common carriers (OCCs) by analyzing daily OCC's accounts receivable balances and bank deposits for a three month study period. This analysis provides the time period for:

- "Billing extraction to collection" is the period of time from the date billing is generated to the date payment is received.
- "Collection to deposit" is the period of time from the date a payment is received until the date it is deposited in a bank.

Chillicothe used the balance sheet method due to the volume of OCC CABS, and the laborious task of attempting to identify the "Billing extraction to collection" period due to the high incident of late payments and partial payments.

This analysis used the balance sheet method for a representative three-month period of July 1990 through September 1990. This method requires an analysis of the opening July 1, 1990 OCC accounts receivable balance, the daily current billings, the daily deposits, and the daily closing OCC accounts receivable balance. The "Billed Revenue Total Lag" is then calculated based on the results of the balance sheet method analysis.

The ending three month period's accumulated closing accounts receivable balance is divided by the accumulated total daily deposits to calculate an "Average days from billing extraction date to date of deposit." of 135 days. Then an "Average days from mid-point of billing period to end of billing period" of 15.21 days plus the "Average days from end of billing period to billing extraction date" of 10 days is added to the 135 days for a total "Average days from mid-point of billing period to date of deposit."

This analysis resulted in an individual revenue lag of **160.21** days.

***Interstate Rent Revenue***

The lead lag method was used to study interstate rent revenues. The four separate time periods were considered in determining the total time lag for each of the revenue categories:

1. "Service midpoint to end of service period" is the average date service is rendered to the end of the service period.
2. "End of service period to billing extraction" is the time from the end of the service period to the date billing is generated.
3. "Billing extraction to collection" is the period of time from the date billing is generated to the date payment is received.
4. "Collection to deposit" is the period of time from the date a payment is received until the date it is deposited in a bank.

This analysis resulted in an individual revenue lag of **114.96** days.

***Interstate AOS Inmate Services***

The lead lag method was used to study interstate AOS inmate revenues. The four separate time periods were considered in determining the total time lag for each of the revenue categories:

1. "Service midpoint to end of service period" is the average date service is rendered to the end of the service period.
2. "End of service period to billing extraction" is the time from the end of the service period to the date billing is generated.
3. "Billing extraction to collection" is the period of time from the date billing is generated to the date payment is received.
4. "Collection to deposit" is the period of time from the date a payment is received until the date it is deposited in a bank.

Chillicothe developed a total company AOS revenue lag-day. The revenue lag day was applied to the interstate jurisdictional AOS booked revenues to calculated interstate dollar days. The interstate portion of AOS revenues was used in calculated the final overall net revenue lag

This analysis resulted in an individual revenue lag of **93.75** days.

***Interstate Operator Services***

The lead lag method was used to study interstate operator services revenues. The four separate time periods were considered in determining the total time lag for each of the revenue categories:

1. "Service midpoint to end of service period" is the average date service is rendered to the end of the service period.
2. "End of service period to billing extraction" is the time from the end of the service period to the date billing is generated.
3. "Billing extraction to collection" is the period of time from the date billing is generated to the date payment is received.
4. "Collection to deposit" is the period of time from the date a payment is received until the date it is deposited in a bank.

Chillicothe developed a total company AOS revenue lag day. The revenue lag day was applied to interstate jurisdictional operator services booked revenues to calculated interstate dollar days. The interstate portion of operator services revenues was used in calculated the final overall net revenue lag

This analysis resulted in an individual revenue lag of 173.12 days

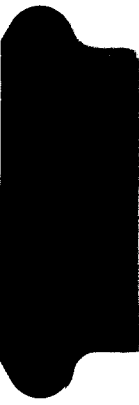
### Summary of Revenue Lag Days

Various time periods were analyzed for each revenue item. Therefore, each revenue item was put on a three-month equivalent for the dollar amount and dollar days. Three months was used for the equivalency because three months was the minimum period of time analyzed for a given individual revenue item.

The resulting revenue lag days is 74.82. The calculation includes the following components:

<i>Revenue Category</i>	<i>Amount</i>	<i>Dollar Days</i>	<i>Individual Lag Days</i>
AT&T Traffic Sensitive	261,540.25	14,660,079.75	56.05
OCC Traffic Sensitive	226,154.00	36,232,132.00	160.21
NECA CCL Settlements and Prior Period Adjustments	117,086.00	22,817,851.00	194.88
End User	302,225.49	885,602.94	2.94
Coin	11,903.64	222,085.00	18.66
Operator Services	4,497.87	778,681.01	173.12
Rent Revenues	3,908.00	449,270.00	114.96
Operator Inmate Services	48,050.00	4,504,688.00	93.75
Billing and Collection	151,167.00	3,660,952.00	24.22
Total	1,125,532.25	84,211,341.70	
Net Lag Days			74.82





Chillicothe Telephone Company  
 1990 Lead-Lag Study  
 Summary of Revenue Lead-Lag Days

Filename: REVSUMM.WK3  
 K00 9191

!! Includes the nonaccess revenue items !!

Revenue Category	Amount	Dollar Days	Individual Lead-Lag Days	Source
AT&T Traffic Sen.	261,540.25	14,660,079.75	56.05	
CCC Traffic Sen.	226,154.00	36,232,132.00	160.21	
NECA CCL Settlements and PPAs	117,086.00	22,817,851.00	194.88	
End User	301,225.49	885,602.94	2.94	
Coin	11,903.64	222,085.00	18.66	
Operator Services	4,497.87	778,681.01	173.12	
Rents Receivable	3908.00	449,270.00	114.96	
AOS Inmate Services	48,050.00	4,504,688.00	93.75	
Billing & Collection	151,167.00	3,660,952.00	24.22	
Total	1,125,532.25	84,211,341.70		

Net Lead-Lag Days

74.82





## **REVENUE LAG SUMMARY**

Chillicothe Telephone Company  
Revenue Summary - OCC Service  
1990 Review

	Lag Days	Dollar Amount	Dollar Days	Source
OCC	160.21	\$ 226,154	36,232,132	OCC

CASH WORKING CAPITAL LAG STUDY  
BILLED REVENUE TOTAL LAG  
3 MONTH STUDY PERIOD THIRD QUARTER, 1990

Line #	Item (A)	Dollars (B)	Days and Dollar Days (C)
1.	3 Months Total Daily Deposits	\$184,507 <sup>OCC-6</sup>	
2.	3 Months Total Daily Closing Balances		<sup>OCC-6</sup> \$24,958,977
3.	Average Days From Billing Extraction Date To Date Of Deposit (Line 2/Line 1)		<sup>OCC-6</sup> 135 Days
4.	3 Months Interstate Revenue – Arrears (Bill Amount July – September)	\$226,154	X15.21 Dollar 3,439,808 Days
5.	3 Months Interstate Revenue – Advance	N/A	X15.21 Dollar N/A Days
6.	Total (Line 4 + Line 5)	\$226,154	Dollar Days 3,439,808
7.	Average Days From Mid-Point Of Billing Period To End Of Billing Period (Line 6, Col. C/line 6, Col. B)		15.21 Days
8.	Average Days From End Of Billing Period To Billing Extraction Date.		<sup>OCC-3</sup> 10 Days
9.	Average Days From mid-Point Of Billing Period To Date Of Deposit (Col. C, Line 3 + Line 7 + Line 8)		160.21 Days

## **MONTHLY CALCULATION**



Chillicothe Telephone  
Cash Working Capital Study  
OCC Analysis

fname: OCCBAM

Balance of Account Method

Month	Date	Current Billings	Daily Deposits	Closing Balance	
<hr/>					
Opening Bal				\$585,080.00	Account 1180 - IXC <i>PEC</i>
July	1			\$585,080.00	
	2		\$27,788.38 <sub>A</sub>	\$557,291.62	
	3			\$557,291.62	
	4			\$557,291.62	
	5		\$27,638.43 <sub>A</sub>	\$529,653.19	
	6		\$981.73 <sub>A</sub>	\$528,671.46	
	7			\$528,671.46	
	8			\$528,671.46	
	9			\$528,671.46	
	10	\$143,995.17 <sub>A</sub>	<i>7/10 Billing</i>	\$672,666.63	
	11			\$672,666.63	
	12			\$672,666.63	
	13			\$672,666.63	
	14			\$672,666.63	
	15			\$672,666.63	
	16		\$35,426.77 <sub>A</sub>	\$637,239.86	
	17		\$11,425.63 <sub>A</sub>	\$625,814.23	
	18		\$638.26	\$625,175.97	
	19		\$2,775.90	\$622,400.07	
	20			\$622,400.07	
	21			\$622,400.07	
	22			\$622,400.07	
	23			\$622,400.07	
	24			\$622,400.07	
	25			\$622,400.07	
	26			\$622,400.07	
	27			\$622,400.07	
	28			\$622,400.07	
	29			\$622,400.07	
	30		\$197.63	\$622,202.44	
	31		\$1,833.64	\$620,368.80	
<hr/>					
Total July		\$143,995.17 <sub>A</sub>	\$108,706.37 <sub>A</sub>	\$18,914,495.74	<i>OCC-11</i>

11-000

Month	Date	Current Billings	Daily Deposits	Closing Balance
Opening Bal August				\$620,368.80 C Forward
	1			\$620,368.80
	2		\$3,963.61	\$616,405.19
	3			\$616,405.19
	4			\$616,405.19
	5			\$616,405.19
	6		\$19,709.55	\$596,695.64
	7			\$596,695.64
	8			\$596,695.64
	9		\$11,137.94	\$585,557.70
	10	\$142,883.22		\$728,440.92
	11			\$728,440.92
	12			\$728,440.92
	13			\$728,440.92
	14			\$728,440.92
	15		\$10,605.75	\$717,835.17
	16			\$717,835.17
	17			\$717,835.17
	18			\$717,835.17
	19			\$717,835.17
	20			\$717,835.17
	21			\$717,835.17
	22		\$179.29	\$717,655.88
	23			\$717,655.88
	24		\$125.12	\$717,530.76
	25			\$717,530.76
	26			\$717,530.76
	27			\$717,530.76
	28			\$717,530.76
	29			\$717,530.76
	30			\$717,530.76
	31			\$717,530.76
Total August		\$142,883.22	\$45,721.26	\$21,304,242.81

\* Running total for two months

& Sources to total for August pmt per Printout of Payment Data worksheet. acc-11

Month	Date	Current Billings	Daily Deposits	Closing Balance
Opening Bal				\$717,530.76
Sept	1			\$717,530.76
	2			\$717,530.76
	3			\$717,530.76
	4		\$3,847.95	\$713,682.81
	5			\$713,682.81
	6			\$713,682.81
	7			\$713,682.81
	8			\$713,682.81
	9			\$713,682.81
	10	\$151,538.07	\$105.35	\$865,115.53
	11		\$20,624.12	\$844,491.41
	12		\$44.24	\$844,447.17
	13			\$844,447.17
	14			\$844,447.17
	15			\$844,447.17
	16			\$844,447.17
	17		\$4,337.19	\$840,109.98
	18		\$20.02	\$840,089.96
	19			\$840,089.96
	20			\$840,089.96
	21			\$840,089.96
	22			\$840,089.96
	23			\$840,089.96
	24		\$1,100.75	\$838,989.21
	25			\$838,989.21
	26			\$838,989.21
	27			\$838,989.21
	28			\$838,989.21
	29			\$838,989.21
	30			\$838,989.21
	31			\$838,989.21
Total Sept		\$151,538.07	\$30,079.62	\$24,959,095.35
Three Month Summ.		\$438,416.46	\$184,507.25	\$24,959,095.35
Total Company Lag Days				135
Interstate Dollars				\$157,329.00
Interstate Dollar Days				\$21,282,575.68
Interstate Lag				135.27

Carry forward

Running total for three months

# **SAMPLE SUPPORTING DOCUMENTATION**

**Current Billings  
Accounts Receivables  
OCC Payment Ledger  
CABS**

Chillicothe Telephone Lead/Lag  
Current Billings  
By A/M/G 7/91

1/91

Carrier	Prior July '90 Bal	June Payments-	Prior June Bal	= Current Billings
AT&T	\$1.30	\$0.00	\$1.30	\$0.00
Advanced Mkg. Svc.	\$98.98	\$194.75	\$291.94	\$1.79
Advanced Network Sys.	\$581.92	\$0.00	\$373.13	\$208.79
Afford-A-Call	\$761.64	\$248.36	\$733.15	\$276.85
Advantage Comm	\$0.07	\$0.00	\$0.00	\$0.07
Allnet	\$5,899.14	\$3,290.48	\$6,008.21	\$3,181.41
Allnet 2	\$3,078.73	\$1,446.29	\$2,976.78	\$1,548.24
Cable & Wireless Comm	\$166.61	\$0.00	\$166.61	\$0.00
Cable & Wireless Comm 2	\$2.14	\$0.00	\$2.14	\$0.00
Cincinnati Bell	\$0.00	\$0.00	\$0.00	\$0.00
Charter Corp	\$1,655.39	\$903.53	\$1,645.91	\$913.01
Comm Sys Net	(\$0.40)	\$0.00	(\$0.40)	\$0.00
Computer Svcs	\$111.22	\$55.61	\$111.22	\$55.61
Consolidated Network	\$241.37	\$20.88	\$164.87	\$97.38
Conquest Long Dist	\$2,175.88	\$0.00	\$2,175.88	\$0.00
Conquest Long Dist 2	\$2,935.03	\$0.00	\$2,935.03	\$0.00
ITT 401488	\$1,354.06	\$834.92	\$1,401.03	\$787.95
ITT 2	\$1.60	\$0.00	\$0.40	\$1.20
ITT 401999	\$87.61	\$44.65	\$84.91	\$47.35
LDDS Comm	\$341.77	\$144.56	\$304.43	\$181.90
LGHTELLCR	\$0.00	\$0.00	\$0.00	\$0.00
LD Spec	\$29,494.97	\$5,731.34	\$33,289.78	\$1,936.53
LD Spec 2	\$122,635.16	\$0.00	\$86,378.86	\$36,256.30
LD Spec 3	\$32,221.79	\$0.00	\$28,162.98	\$4,058.81
LD Spec 4	\$21,577.56	\$2,548.08	\$11,577.56	\$12,548.08
Long Dist Ohio Inc	\$1,720.49	\$0.00	\$1,654.18	\$66.31
Litel	\$32,547.70	\$0.00	\$24,240.59	\$8,307.11
Litel 2	\$24,483.21	\$0.00	\$18,520.88	\$5,962.33
Long Dist Svc of Wash	\$97.95	\$0.00	\$81.67	\$16.28
Long Dist Tele Savers	\$177.01	\$133.29	\$133.29	\$177.01
MCI	\$41,346.23	\$0.00	\$22,193.24	\$19,152.99
MCI 2	\$122,142.90	\$0.00	\$104,715.78	\$17,427.12
MCI 3	\$678.60	\$0.00	(\$173.64)	\$852.24
Metromedia Long Dist	\$72.41	\$140.61	\$140.61	\$72.41
Nat'l Tele Service	\$66.81	\$35.60	\$63.64	\$38.77
One Call Comm	\$326.38	\$85.89	\$190.25	\$222.02
RCI	\$344.03	\$163.65	\$319.81	\$187.87
RCI 2	\$0.09	\$0.00	\$0.09	\$0.00
Sears Tech Svc. Inc	\$7.29	\$0.00	\$4.84	\$2.45
South Tel	\$0.83	\$0.00	\$0.83	\$0.00
US Sprint	\$14,196.77	\$0.00	\$5,328.81	\$8,867.96
US Sprint 2	\$29,631.64	\$19,250.25	\$41,322.88	\$7,559.01
US Sprint 3	\$5,653.62	\$2,893.06	\$5,672.64	\$2,874.04
Starnet	\$0.00	\$0.00	\$0.00	\$0.00
State of Ohio-Attn: Tele	\$17,610.58	\$0.00	\$14,710.38	\$2,900.20
TMC	\$9,554.73	\$6,629.71	\$11,129.72	\$5,054.72
TMC 2	\$365.80	\$172.79	\$351.32	\$187.27
Telecon	\$3,886.47	\$301.13	\$2,782.41	\$1,405.19
Telecon 2	\$295.60	\$643.58	\$932.05	\$7.13
Tele-Fibernet Corp	\$39.14	\$27.26	\$44.72	\$21.68
Telenet	\$179.29	\$0.00	\$0.00	\$179.29
Telesphere Network	\$879.11	\$0.00	\$749.28	\$129.83

1-11

Telus Comm	\$0.22✓	\$0.00✓	\$0.22✓	\$0.00✓
Unitel	\$4,751.15✓	\$0.00✓	\$4,557.02✓	\$194.13✓
Western Union	\$9.59✓	\$103.31✓	\$86.98✓	\$25.92✓
Westinghouse Elec Corp	\$1.01✓	\$0.00✓	(\$1.61)✓	\$2.62✓

TOTAL Current Billing

\$143,995.17 ✓

Source: Client provided handwritten workpaper

KDW  
OCC 9 - OCC-11

0

Mr. O

11941  
205/91-121142

THE CHILLICOTHE TELEPHONE COMPANY														
LEAD LAG STUDY														
INTERSTATE														
JULY 90														
CARRIER	BEG	AMT OF	8/10/90											
	BALANCE	PRIOR	BILL											
	8/10/90	BILLS DUE	AMT	PAYMT										
AUG 90														
	BEG	AMT OF	9/10/90											
	BALANCE	PRIOR	BILL											
	9/10/90	BILLS DUE	AMT	PAYMT										
SEPT 90														
	BEG	AMT OF	10/10/90											
	BALANCE	PRIOR	BILL											
	10/10/90	BILLS DUE	AMT											
[A-D]														
ADVANCED WMT SVC	98.98	98.98	0.81	0.00	97.82	97.82	97.82	1.41	0.00	101.23	101.23	101.23	0.79	
ADVANCED NETWORK SYS	581.92	581.92	172.82	0.00	754.74	754.74	754.74	164.95	0.00	919.69	919.69	164.95	172.37	
AFFORD A CALL														
INTERSTATE	761.64	515.46	163.64	246.18	679.10	679.10	231.66	7,377.91	147.44	7,609.57	7,609.57	7,446.19	(2,420.16)	
STATE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.00	0.00	12.00	12.00	11.74	0.26	
ADVANTAGE COMMUNICA	0.07	0.07	0.00	0.00	0.07	0.07	0.07	0.00	0.00	0.07	0.07	0.07	(0.07)	
ALLNET														
INTERSTATE	4,829.45	2,544.33	2,228.17	2,285.12	4,772.50	4,772.50	2,283.02	1,786.23	2,489.48	4,069.25	4,069.25	1,839.05	2,184.88	
STATE	4,148.42	2,185.54	2,109.02	1,962.88	4,294.56	4,294.56	2,054.39	1,790.04	2,240.17	3,844.43	3,844.43	1,737.44	2,034.92	
		4,729.87		4,248.00			4,337.41		4,729.65		7,913.68	3,576.49	4,219.80	
CABLE & WIRELESS														
INTERSTATE	168.75	168.75	0.00	0.00	168.75	168.75	168.75	0.00	0.00	168.75	168.75	168.75	0.00	
STATE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
CHARTER														
INTERSTATE	680.62	375.39	194.24	305.23	569.63	569.63	201.25	109.85	368.38	311.10	311.10	311.10	0.00	
STATE	974.77	537.62	304.56	437.15	842.18	842.18	297.55	191.90	544.63	489.45	489.45	489.45	0.00	
		913.01		742.38			498.80		913.01		800.55	800.55	0.00	
CINCINNATI														
INTERSTATE		0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
STATE		0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
CYC		0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
COMM SYST NET	(0.40)	10.40	0.32	0.00	(0.08)	(0.08)	(0.08)	1.74	0.00	1.66	1.66	1.66	0.00	
COMPUTER SERVICES	111.22	55.61	55.61	55.61	111.22	111.22	55.61	(16.76)	55.61	38.85	38.85	(16.76)	31.48	
CONSOLIDATED NETWORK	241.37	161.89	44.24	79.48	206.13	206.13	108.75	38.96	97.38	147.71	147.71	103.47	127.07	
CONQUEST														
INTERSTATE	4,825.49	4,638.90	58.75	186.59	4,697.65	4,697.65	4,697.65	(2,534.47)	0.00	2,163.18	2,163.18	2,142.50	2,627.24	
STATE	285.42	274.38	(10.76)	11.04	263.62	263.62	263.62	2,593.80	0.00	2,857.42	2,857.42	2,830.11	(2,566.90)	
		4,913.28		197.63			4,961.27		0.00		5,020.60	4,972.61		
International Telecharge														
INTERSTATE	0.00	0.00	618.38	0.00	618.38	618.38	618.38	0.00	0.00	618.38	618.38	618.38	0.00	
STATE	0.00	0.00	0.34	0.00	0.34	0.34	0.34	0.00	0.00	0.34	0.34	0.34	0.00	
ITT														
INTERSTATE	791.35	285.77	326.39	505.58	612.16	612.16	378.70	115.21	233.46	493.91	493.91	132.07	101.90	
STATE	564.31	203.78	463.53	360.53	667.31	667.31	412.82	173.70	254.49	586.52	586.52	155.84	268.15	
		489.55		866.11	1,279.47		791.52		487.95	1,080.43	1,080.43	288.91		
LDOS COMM	341.77	181.90	135.57	159.87	317.47	317.47	135.57	109.39	181.90	244.96	244.96	109.39	127.13	
LIGHTCLL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

THE CHILLICOTHE TELEPHONE  
LEAD LAG STUDY

LS 5/4  
LS 6/1

CARRIER	OCT 90					
	SEP1 PAYMT	BAL	BALANCE 11/10/90	PRIOR BILLS DUE	BILL AMT	PAYMT
ADVANCED MNT SVC	0.00	102.02	102.02	102.02		0.00
ADVANCED NETWORK SYS	754.74 <sup>9/24</sup>	337.32	337.32	337.32		0.00
AFFORD A CALL						
INTERSTATE	163.38 <sup>9/1</sup>	5,026.03	5,026.03	119.21 <sup>8</sup>		4,906.82
STATE	0.26 <sup>^</sup>	12.00	12.00	0.28		11.72
ADVANTAGE COMMUNICA		0.00	0.00	0.00		
ALLNET						
INTERSTATE	2,230.20	4,023.93	4,023.93	2,178.10		1,845.83
STATE	2,106.99	3,772.36	3,772.36	2,041.92		1,730.44
	4,337.19 <sup>9/1</sup>		7,796.29	4,220.02 <sup>^</sup>		3,576.27
CABLE & WIRELESS						
INTERSTATE	0.00	168.75	168.75	168.75 <sup>^</sup>		0.00
STATE	0.00	0.00	0.00	0.00 <sup>^</sup>		0.00
CHARTER						
INTERSTATE	0.00	311.10	311.10	311.10		0.00
STATE	0.00	489.45	489.45	489.45		0.00
	0.00		800.55	800.55 <sup>^</sup>		0.00
CINCINNATI						
INTERSTATE	0.00	0.00	0.00	0.00		0.00
STATE	0.00	0.00	0.00	0.00		0.00
CIC	0.00	0.00	0.00	0.00		0.00
COMM SYST NET	0.00	1.66	1.66	1.66 <sup>^</sup>		0.00
COMPUTER SERVICES	55.61 <sup>9/1</sup>	14.72	14.72	14.72 <sup>^</sup>		0.00
CONSOLIDATED NETWORK	44.24 <sup>9/12</sup>	230.54	230.54	191.68 <sup>^</sup>		38.96
CONQUEST						
INTERSTATE	20.68	4,769.74	4,769.74	4,713.51		56.23
STATE	27.31	263.21	263.21	260.11		3.10
	47.99 <sup>9/10</sup>		5,032.95	4,973.62 <sup>^</sup>		59.33
International Telecharge						
INTERSTATE	0.00 <sup>^</sup>	618.38 <sup>(B)</sup>	618.38	0.00 <sup>(B)</sup>		618.38
STATE	0.00 <sup>^</sup>	0.34	0.34	(0.00)		0.34
ITT						
INTERSTATE	361.84	233.97	233.97	233.97		0.00
STATE	423.68	424.99	424.99	424.99		0.00
	791.52 <sup>9/1</sup>	658.96	658.96	658.96 <sup>^</sup>		0.00
LDOS COMM	135.57 <sup>9/11</sup>	236.52	236.52	127.13 <sup>^</sup>		109.39
LOWELL	0.00	0.00	0.00	0.00		0.00

(A) per report RBC Amt of prior bills 5/10-107.61  
Amt calc in spreadsheet is \$11.88 off diff immaterial  
(B) carried forward as 618.48  
from Sept to Oct.  
therefore amt. of prior  
bills due is off by .11.  
did not find additional  
rate finding discrepancy.



THE CHILLICOTHE TELEPHONE COMPANY  
LEAD LAG STUDY

INTERSTATE

285/41  
285/91 1.0 1.2

CARRIER	JULY 90					AUG 90					SEPT 90				
	BEG. BALANCE 8/10/90	AMT OF PRIOR BILLS DUE	8/10/90 BILLS AMT	PAYMENT	JULY BAL 8/10/90	BEG. BALANCE 9/10/90	AMT OF PRIOR BILLS DUE	9/10/90 BILLS AMT	PAYMENT	AUG BAL 10/10/90	BEG. BALANCE 10/10/90	AMT OF PRIOR BILLS DUE	10/10/90 BILLS AMT	SEPT BAL 11/10/90	10/10/90 BILLS AMT
LD SPEC															
INTERSTATE	101,995.92	101,995.92	17,146.67	0.00	119,144.59	119,144.59	114,464.02	15,606.91	4,680.57	130,070.93	130,070.93	130,070.93	(61,451.04)		
STATE	103,933.56	103,933.56	44,210.45		148,144.01	148,144.01	142,324.21	44,295.30	5,819.80	186,619.51	186,619.51	186,619.51	(143,139.18)		
		205,929.48			267,288.60		256,788.23		10,500.37	316,690.44	316,690.44	316,690.44			
LONG DIST OHIO															
STATE	1,720.49	66.31	43.25	1,654.18	109.56	109.56	109.56	122.69	0.00	232.25	232.25	232.25	199.85		
LITEL															
INTERSTATE	39,449.97	9,557.52	6,489.64	29,892.45	16,047.16	16,047.16	16,047.16	4,903.64	0.00	20,950.80	20,950.80	20,950.80	6,714.03		
STATE	17,580.94	4,259.32	5,707.54	13,321.62	9,966.86	9,966.86	9,966.86	6,457.75	0.00	16,424.61	16,424.61	16,424.61	6,875.32		
		13,816.84		43,214.07	26,014.02		26,014.02		0.00	37,375.41	37,375.41	37,375.41			
LONG DIST OF WASH	97.95	97.95	4.74	0.00	102.69	102.69	102.69	0.00	0.00	102.69	102.69	102.69	19.48		
LD TELE SAVERS	177.01	0.00	125.12	177.01	125.12	125.12	0.00	128.40	125.12	128.40	128.40	0.00	150.31		
NET															
INTERSTATE	137,800.19	114,521.67	28,328.94	23,278.52	142,850.61	142,850.61	142,850.61	27,875.99	0.00	170,726.60	170,726.60	170,726.60	104,246.39		
STATE	26,367.54	21,913.29	6,257.11	4,454.25	28,170.40	28,170.40	28,170.40	12,090.55	0.00	40,260.95	40,260.95	40,260.95	198,241.29		
		136,434.96		27,732.77	171,021.01		171,021.01		0.00	210,987.55	210,987.55	210,987.55			
METROPOLITAN LONG-DIST	72.41	72.41	26.88	0.00	99.29	99.29	26.88	0.00	72.41	26.88	26.88	0.00	0.00		
NATIONAL TELE	66.81	38.77	30.48	28.04	69.25	69.25	30.48	0.00	38.77	30.48	30.48	0.00	0.00		
ONE CALL COMM	326.38	222.02	217.61	104.36	439.63	439.63	217.61	141.38	222.02	358.99	358.99	141.38	115.60		
NET															
INTERSTATE	344.03	187.91	162.04	156.12	349.95	349.95	162.13	130.32	187.82	292.45	292.45	292.45	106.71		
STATE	0.09	0.05	0.04	0.04	0.09	0.09	0.04	0.14	0.05	0.18	0.18	0.18	0.00		
		187.96		156.16	350.04		162.17		187.87	292.63	292.63	292.63			
SEARS TECH SVC	7.29	0.00	2.10	7.29	2.10	2.10	2.10	7.84	0.00	9.94	9.94	7.84	525.04		
SOUTH TELE	0.83	0.83	0.00	0	0.83	0.83	0.83	0.00	0.00	0.83	0.83	0.83	0.00		
SPRINT															
INTERSTATE	29,915.38	17,659.37	9,140.89	12,256.01	26,800.26	26,800.26	16,043.33	9,323.06	10,756.93	25,366.39	25,366.39	15,296.06	31,678.94		
STATE	19,566.65	11,550.41	9,736.66	8,016.24	21,287.07	21,287.07	12,742.93	9,556.20	8,544.08	22,299.19	22,299.19	13,446.52	10,712.01		
		29,209.78		20,272.25	48,087.33		28,786.32		19,301.01	47,665.58	47,665.58	28,742.58			
STARNET															
INTERSTATE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
STATE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
STATE OF OHIO															
INTRASTATE	17610.58	15,018.88	2,396.38	2591.7	17,415.26	17,415.26	14,515.06	3.89	2900.2	16,674.95	16,674.95	16,674.95	2,643.13		